

3 Channel I/O Unit MIO324



MIO324 3 channel I/O unit

Overview

An extensive range of interfaces are available to support the Menvier range of control panels, providing solutions for most design requirements.

The MIO324 3 channel I/O unit enables simple interfacing between the fire system and other equipment such as nurse call systems or access control systems. The inputs are fully monitored for open and short circuits.

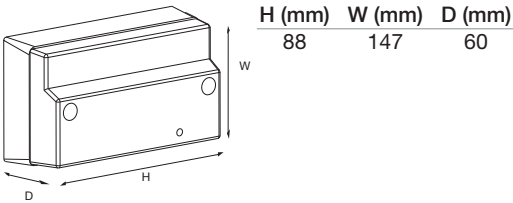
Features

- Quick and simple to install
- Soft addressed
- 3 separate inputs and 3 separate outputs
- Inputs monitored for open and short circuits
- Integral short circuit isolator

Benefits

- Plug and play no hard addressing required
- Built in short circuit isolator no additional hardware required
- Unit takes 3 inputs, 3 outputs - only 1 address required to monitor and control saving on equipment and installation

Dimensions



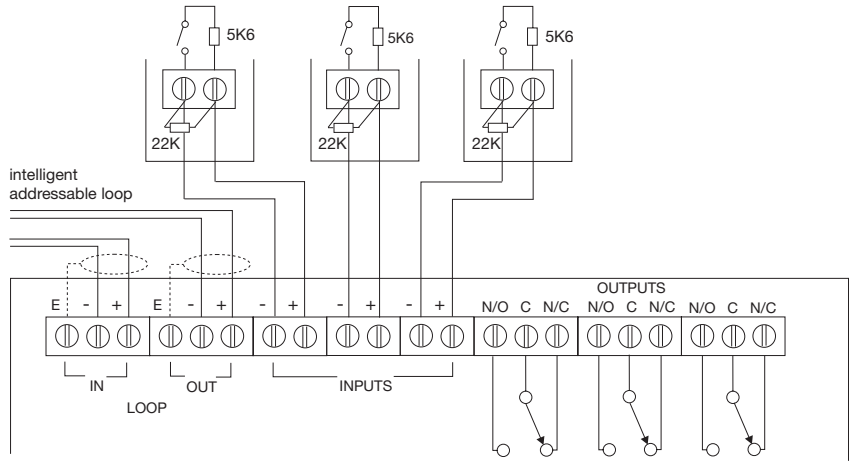
Technical Specification

Code	MIO324
Description	3 channel I/O unit
Standards	EN54 Pt17 & Pt18 2005
Specification	
Operating Voltage	18V dc to 30V dc
Quiescent Current	310µA
Maximum Switching Voltage	50V ac or 30V dc
Output Relay Contact Rating	1A at 30V resistive, 0.5A inductive
Environmental	
Operating Temperature	-10°C to +60°C
Humidity (non condensing)	0 to 95% RH
Physical	
Construction	PC/ABS
Dimensions (H x W x D)	88mm x 147mm x 60mm
Weight	0.23kg
Ingress Protection	IP40
Compatibility	
Suitable for use with	Menvier intelligent addressable fire systems

Installation

1. 3 Channel input output unit is fixed to a deep double gang back box (supplied).
2. All connections are via heavy duty terminals.
3. Cable entry can be top, bottom, side or rear.
4. Can be surface or semi recessed mounted.
5. Relay contacts are rated at 24V dc 1A.

Standard Connections



- NOTES:
1. Earth (Screen) cable must be connected to its adjacent earth terminal.
 2. The end of line resistor must always be fitted, even if input is not used.
 3. Input circuit is monitored for wiring open and short circuit.
 4. Output relay is a set of changeover volt free-contacts and is not monitored.

Product Codes

Code	Description
MIO324	3 channel I/O unit
MIO324S	3 channel I/O unit, resets on silence
MIO324T	3 channel I/O unit, contains 3 separate addresses